



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 87 75 17

Classification of the application (IPC):
H04L 5/00

Technical fields searched (IPC):
H04L, H04W

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	<p>NTT DOCOMO ET AL: "Discussion on remaining details on RMSI delivery", 3GPP DRAFT; R1-1718181_DISCUSSION ON REMAINING DETAILS ON RMSI DELIVERY_FINAL, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS, 08 October 2017 (2017-10-08), vol. RAN WG1, no. Prague, CZ; 20171009 - 20171013 URL: http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN1/Docs/ [retrieved on 08 October 2017 (2017-10-08)] XP051341363 * section 2.5;figure 1; table 1 *</p>	1-5, 15-17
X	<p>NOKIA ET AL: "Remaining details on NR-PBCH", 3GPP DRAFT; R1-1716524, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, 17 September 2017 (2017-09-17), vol. RAN WG1, no. Nagoya, Japan; 20170918 - 20170921 URL: http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN1/Docs/ [retrieved on 17 September 2017 (2017-09-17)] XP051339977 * sections 2.1.2, 2.1.4;figure 2 *</p>	1-5, 15-17

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 17 November 2020	Examiner Tejera, Pedro
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-4, 15-17(completely); 5(partially)

Alternative configuration for a case in which SCS=15 kHz for both SSB and RMSI CORESET with RMSI CORESET symbols preceding the associated SS block.

2. claim: 5(partially)

Alternative configuration for a case in which SCS=15 kHz for both the SSB and the RMSI CORESET with RMSI CORESET symbols trailing the associated SS block.

3. claims: 7(completely); 5(partially)

Alternative configurations for cases with same numerology for both the SSB and the RMSI CORESET with positions of the RMSI CORESET symbols depending on the indexes of the associated SSBs being even or odd.

4. claims: 6, 8-10

Configurations for cases in which the SSB and the associated RMSI CORESET have different SCS.

5. claims: 11-14

Use of unused SSB resources for RMSI CORESET transmission.

None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims: 1-4, 15-17(completely); 5(partially)

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 17 November 2020	Examiner Tejera, Pedro
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& : member of the same patent family, corresponding document	L: document cited for other reasons

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